

ABSTRACT OF THE DISCLOSURE

A radial head replacement system includes a radial head replacement, an apparatus for guiding the resection of a radial head, and a kit including bone plug and bone plug insertion instrument. The radial head replacement has a separate adjustable head portion that may be secured on an implanted stem such that the
5 implanted radial head replacement smoothly interfaces with the capitellum of the humerus. In another form, the radial head replacement uses crossed bone screws that serve to more securely anchor the stem of the radial head replacement in the intramedullary canal of the radius. The resection guide
10 includes a movable cutting guide which ensures a precise resection of the radial head and thereby allows for better positioning of the implanted radial head replacement. The bone plug limits the travel of bone cement beyond the area of affixation of the stem portion of a radial head replacement to the radius.